

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

MCOR Oil and Gas Corporation

## 3. ADDRESS OF OPERATOR

3033 N.W. 63rd Street, Oklahoma City, Oklahoma 73116

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

SE/4 SW/4, 1980' FWL and 800' FSL, Section 18, T38S-R26E

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 11 miles NE of Hatch Trading Post, Utah.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

800'

## 16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

5800'

## 20. ROTARY OR CABLE TOOLS

Rotary Tools

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5080'

## 22. APPROX. DATE WORK WILL START\*

April 1, 1981

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1500'	750 sKs
7 7/8"	4 1/2"	10.5#	5800'	450 sKs

1. Drill 12 1/4" hole and set 8 5/8" surface casing to 1500'.
2. Log BOP checks in daily drilling reports and drill 7 7/8" to 5800'.
3. Run tests, if warranted, and run 4 1/2" casing if productive.
4. Run logs as needed, and perforate/stimulate as needed.

## Attachments Include:

Location and elevation plats.

The Ten-Point Compliance Program

The Multi-Point Requirement for APD.

The Blowout Preventer Diagram.

Topographic map showing road map to location and water.

Drill pad layout and cut-fill cross section.

Drill rig layout.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

## 24.

SIGNED

M. D. Rawdon

TITLE

District Manager

DATE

3-12-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

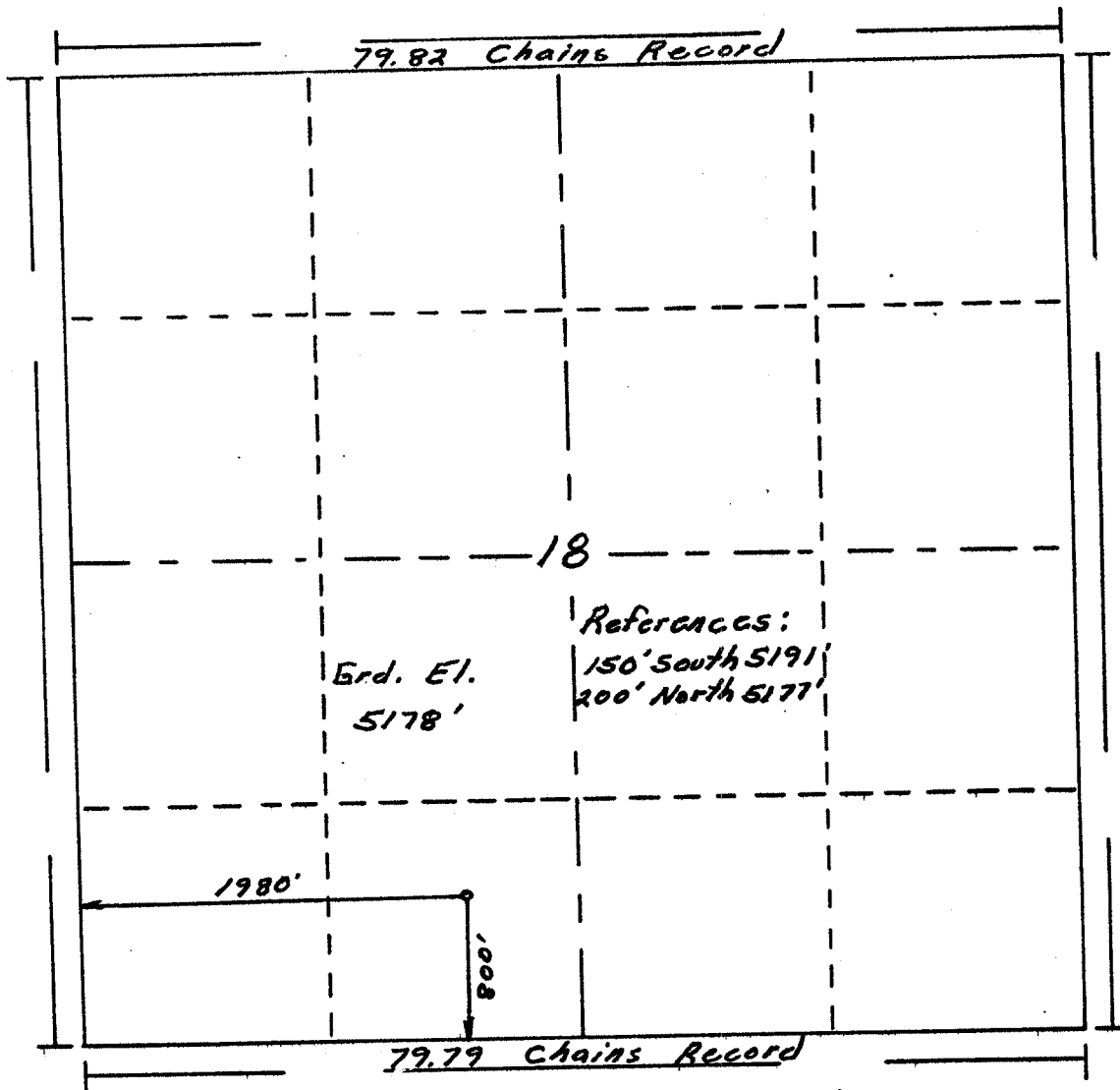
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

DIVISION OF  
OIL, GAS & MINING



R. 26 E.



T. 38 S.

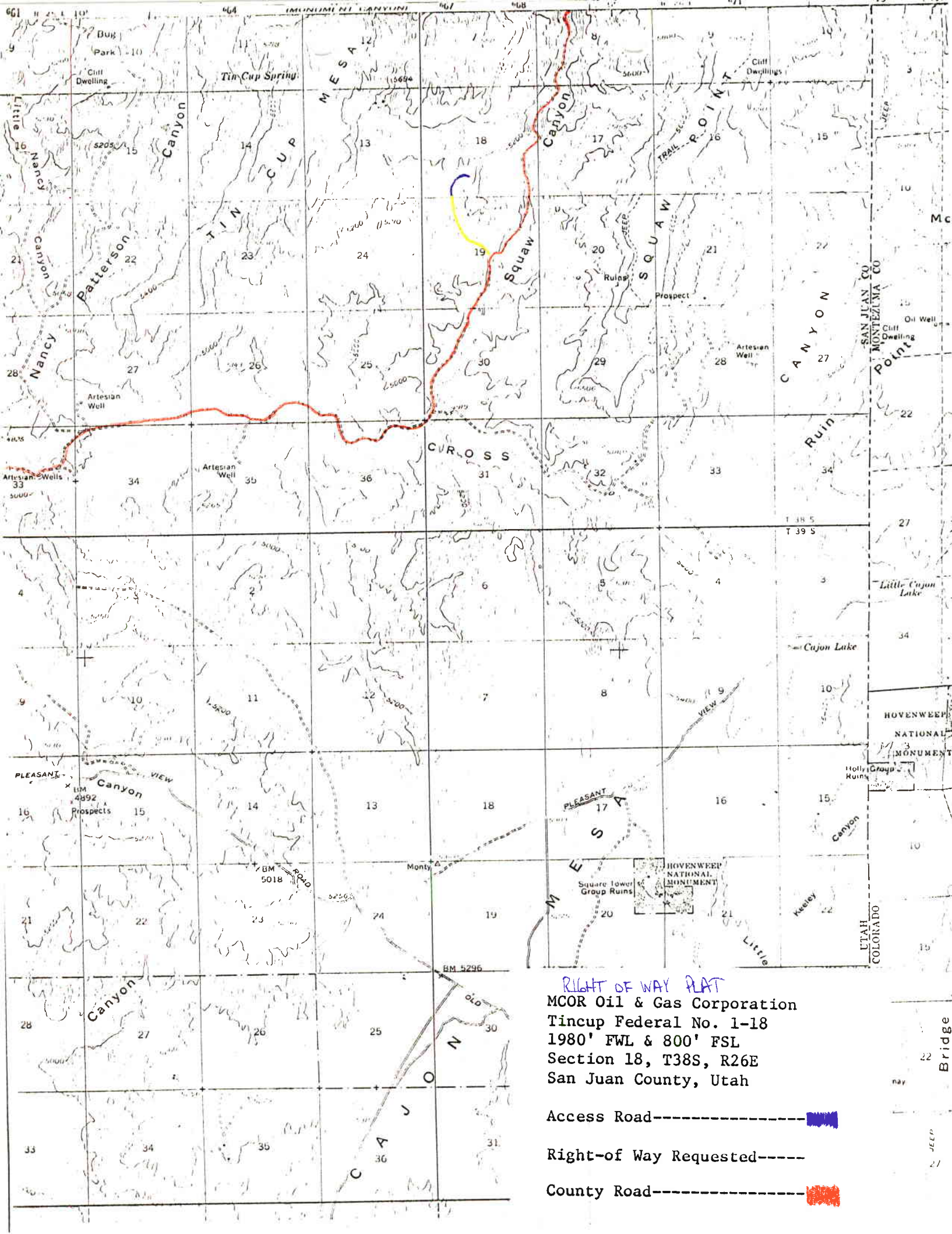
Scale... 1" = 1000'

Powers Elevation of Denver, Colorado  
has in accordance with a request from David Trenholm  
for M.C.O.R.  
determined the location of #1-18 Squaw Federal  
to be 800' FSL & 1980' FWL Section 18 Township 38 South  
Range 26 East Salt Lake Meridian  
San Juan County, Utah

I hereby certify that this plat is an  
accurate representation of a correct  
survey showing the location of  
#1-18 Squaw Federal

Date: 11 Mar '81

T. Nelson  
Licensed Land Surveyor No. 2711  
State of Utah



**RIGHT OF WAY PLAT**  
MCOR Oil & Gas Corporation  
Tincup Federal No. 1-18  
1980' FWL & 800' FSL  
Section 18, T38S, R26E  
San Juan County, Utah

Access Road-----

Right-of Way Requested-----

County Road-----





MCOR OIL AND GAS CORPORATION

Ten Point Compliance Program  
of NTL-6 Approval of Operations

Well

Tincup Federal Well No. 1-18

Location

1980' FWL and 800' FSL  
Section 18, T38S-R26E  
San Juan County, Utah

Federal Lease Number U-7088

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "A" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to 1000 psi after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>Depth</u>	<u>Type</u>	<u>Weight #/gal.</u>	<u>Viscosity-sec./qt.</u>	<u>Fluid Loss cc</u>
0-1500'	Spud mud & wtr	Minimum	28-38	NC
1500-4700'	Wtr & gel	8.6-9.0	28-30	NC
4700-TD	Gel-chem	9.0-11.0	35-38	10

7. The Auxiliary Equipment to be Used

- (a) An upper kelly cock will be kept in the string.
- (b) A float will be used at the bit.
- (c) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

- (a) DST's are anticipated in the Upper Ismay and Desert Creek Formation.
- (b) The logging program will consist of a BHC Sonic, FDC and DIL from surface casing show to total depth, CNL-FDC from 4500' to total depth, Dipmeter to be run if warranted by cores.
- (c) Cores will be taken from the Upper Ismay (5400'-5580') and Desert Creek (5630'-5690').
- (d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted.

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for April 1, 1981. Operations should be completed within 30 days after spudding the well and drilling to casing point.

MCOR Oil and Gas Corporation

Multi-Point Surface Use and Operational Plan

Well

Tincup Federal Well No. 1-18

Location

1980' FWL and 800' FSL  
Section 18, T38S-R26E  
San Juan County, Utah

Federal Lease Number U-7088



MCOR Oil and Gas Corporation

Tincup Federal Well No. 1-18

1. Existing Roads

- A. The proposed well site and elevation plat is attached.
- B. The distance from Hatch Trading Post, Utah is 11.1 miles. From Hatch T.P. go North on blacktop 2.3 miles to dirt road and low water crossing; cross Montezuma Creek and proceed East-N.E. 6.4 miles to Squaw Canyon; go Northerly up canyon 1.1 miles to fork; go left or Northwesterly 1.2 miles to beginning 300' access.
- C. All roads to location are color-coded and shown on the topographic map.
- D. All existing roads within a three-mile radius are shown on the topographic map.
- E. N/A
- F. All roads are maintained and in good condition except for 1500 feet of trail. Trail needs light dozing and blading.

2. Planned Access Roads

- A. No new roads will need to be constructed to reach the proposed location. The last 0.4 miles of the existing access road will require minor improvements including light blading.
- B. This surface use and operational plan will serve as a request for an access road right of way permit to the proposed well site. A right of way is requested from the county road crossing section 19 (T38S-26E) to MCOR's active lease #U-7088 in section 18 (T38S-R26E). The ROW requested is for a 1 mile 24' access road through section 19 and will require light blading. The ROW is to be maintained by the operators of the lease. A ROW plat is attached showing proposed entry onto lease.

3. Location of Existing Wells

For all existing wells within a two mile radius of well see topographic map.

- (1) There are no artesian water wells within a two-mile radius of this location.
- (2) There are four abandoned wells in this two-mile radius.
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There is one well presently being drilled.
- (6) There is one producing well, which is shut-in waiting on pipeline.
- (7) There are no injection wells.
- (8) There are no monitoring or observation wells for other uses.

4. Location of Existing and/or Proposed Facilities

- A. Within a one-mile radius of location, the following existing facilities are owned or controlled by MCOR Oil and Gas Corporation or other lessee/operator:
- (1) Tank Batteries: One
  - (2) Production Facilities: One
  - (3) Oil Gathering Lines: None
  - (4) Gas Gathering Lines: None
  - (5) Injection Lines: None
  - (6) Disposal Lines: None
- B. If production is obtained, new facilities will be as follows:
- (1) Line heater, if needed, will be located on drill pad.
  - (2) Production facilities will be located on Tin Cup Federal Well No. 1-18 drill pad, located in Section 18, T38S-R26E, 1980' FWL and 800' FSL.
  - (3) Flow line will be buried.
  - (4) All areas of drill pad not required for facilities will be rehabilitated.
  - (5) All construction materials for battery site and pad will be obtained from site. No additional material from outside sources is anticipated.
  - (6) Any necessary pits will be fenced and flagged to protect livestock and wildlife.
- C. Rehabilitations, whether well is productive or dry, will be made on all unused areas in accordance with BLM stipulations.

5. Location and Type of Water Source

- A. The source of water will be from an artesian well located in NE/4 of Section 28, T38S-R26E.
- B. Water will be transported by truck over existing roadways as shown on topographic map.
- C. No water well is to be drilled on this lease.

## 6. Construction Materials

- A. No construction materials are needed for drilling well or constructing access roads into the location during drilling. The surface soil materials will be sufficient.
- B. No construction materials will be taken off Federal land.
- C. All surface soil materials for construction of access roads for drilling are sufficient. If well is productive, and material from road and pad grading is not sufficient, source of additional materials will be submitted to the U.S.G.S for approval before any purchase.
- D. All major access roads presently exist as shown on topographic map.

## 7. Handling of Waste Materials and Disposal

- (1) Drill cuttings will be buried in the reserve pit.
- (2) Drilling fluids will be handled in the reserve pit.
- (3) Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt waters or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of on-site for 30 days only, or 90 days with permission of District Engineer. After that time application will be made for approval of permanent disposal method in compliance with NTL-2b.
- (4) Chemical facilities will be provided for human waste.
- (5) Garbage and non-flammable waste and salt and other chemicals produced during drilling or testing will be handled in trash pit. Drill fluids, water, drilling mud and tailings will be kept in reserve pit. A trash cage or the trash pit will be totally enclosed with small mesh wire to prevent wind scattering trash before being buried or removed. Reserve pit will be fenced on three sides during drilling and fourth side fenced upon removal of the rig.
- (6) After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. All dangerous open pits will be fenced during drilling and kept closed until such time as the pit is leveled.

## 8. Ancillary Facilities

No air strip, camp or other facilities will be built during drilling of this well.

## 9. Well Site Layout

- (1) Exhibit "B" is the Drill Pad Layout as staked, with elevations, by

Powers Elevation of Durango, Colorado. Cuts and fills have been drafted to visualize the planned cut across the location spot and to the deepest part of the pad. Topsoil will be stock-piled per BLM specifications determined at time of pre-drill inspection.

- (2) Exhibit "C" is a plan diagram of the proposed rig and equipment, reserve pit, trash pit, pipe racks and mud tanks, access road, parking and turn-around. No permanent living facilities are planned. There will be a trailer on site.
- (3) The reserve pits will not be lined.

#### 10. Plans for Restoration

- (1) If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, leveling and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away to an approved sanitary landfill immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- (2) The soil banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per formula provided by the BLM. Revegetation is recommended for road area, as well as around drill pad.
- (3) Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock or wildlife from entering; and the fencing will be maintained until leveling and cleanup are accomplished.
- (4) If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation is considered best in Fall, 1981, unless requested otherwise.

#### 11. Other Information

- (1) The general terrain is composed of mesas and valleys with the immediate terrain being basically flat and just above drainage. The location rests against a hill to the south. Drainage is south-southwest. Vegetation is primarily native grasses with a few junipers on the east of the pad. There are reptiles, rabbits, and a few deer in the area.

- (3) The closest live water is the San Juan River, 19 miles southwest.

There are no occupied dwellings in the area.

There were no archaeological or cultural artifacts apparent on the location, however, a complete standard cultural resource (including archaeological) survey will be conducted by a qualified archaeologist, and a report submitted to the BLM prior to any surface disturbance.

- (4) There are no reported restrictions or reservations noted on the oil and gas lease.
- (5) Drilling is planned for on or about April 1, 1981. It is anticipated that the casing point will be reached within 30 days after commencement of drilling.

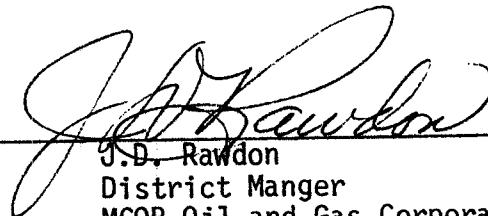
12. Operator's Representative

J.D. Rawdon  
MCOR Oil and Gas Corporation  
Jamestown Office Park  
3033 N.W. 63rd Street  
Suite 250-E  
Oklahoma City, Oklahoma 73116  
(405) 840-3285

13. Certification

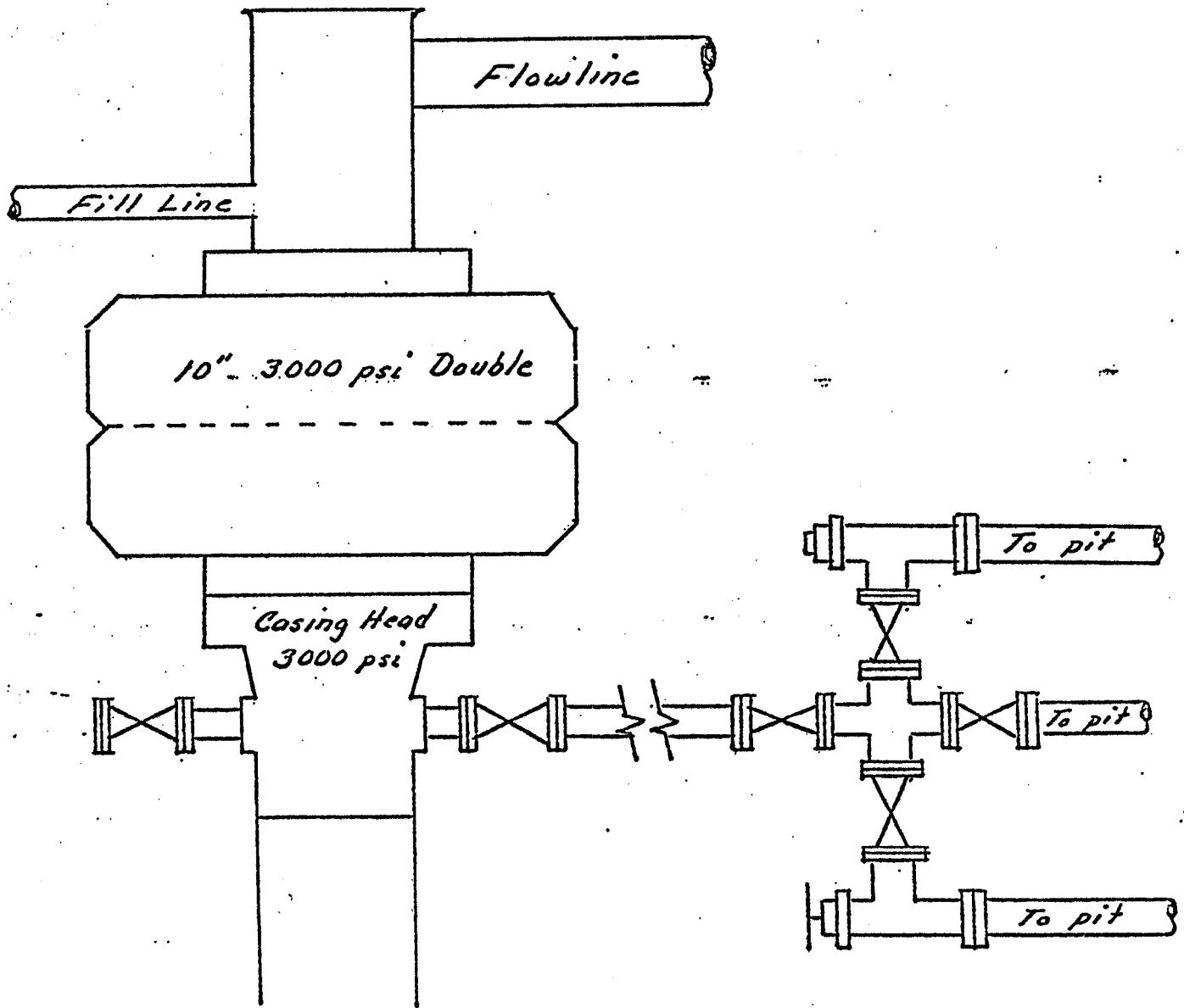
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by MCOR Oil and Gas Corporation and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

March 12, 1981  
Date

  
J.D. Rawdon  
District Manager  
MCOR Oil and Gas Corporation

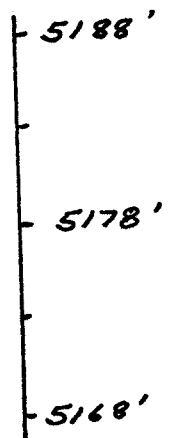
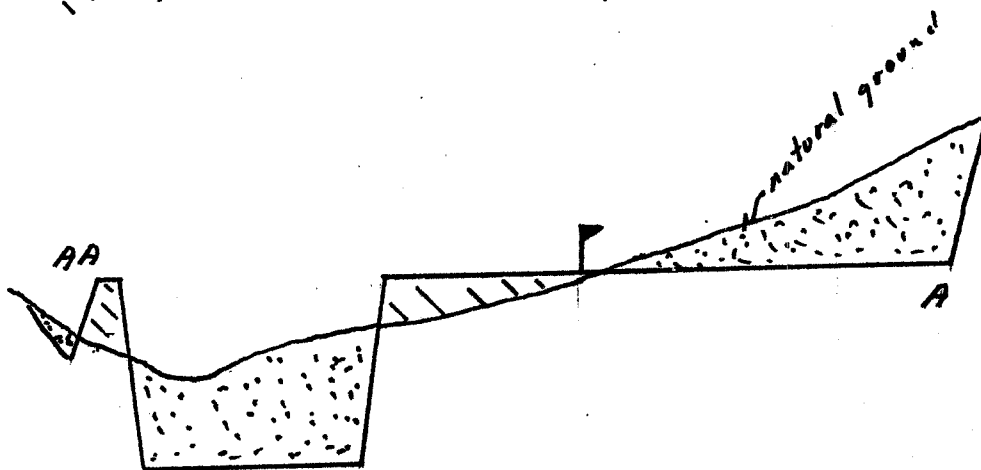
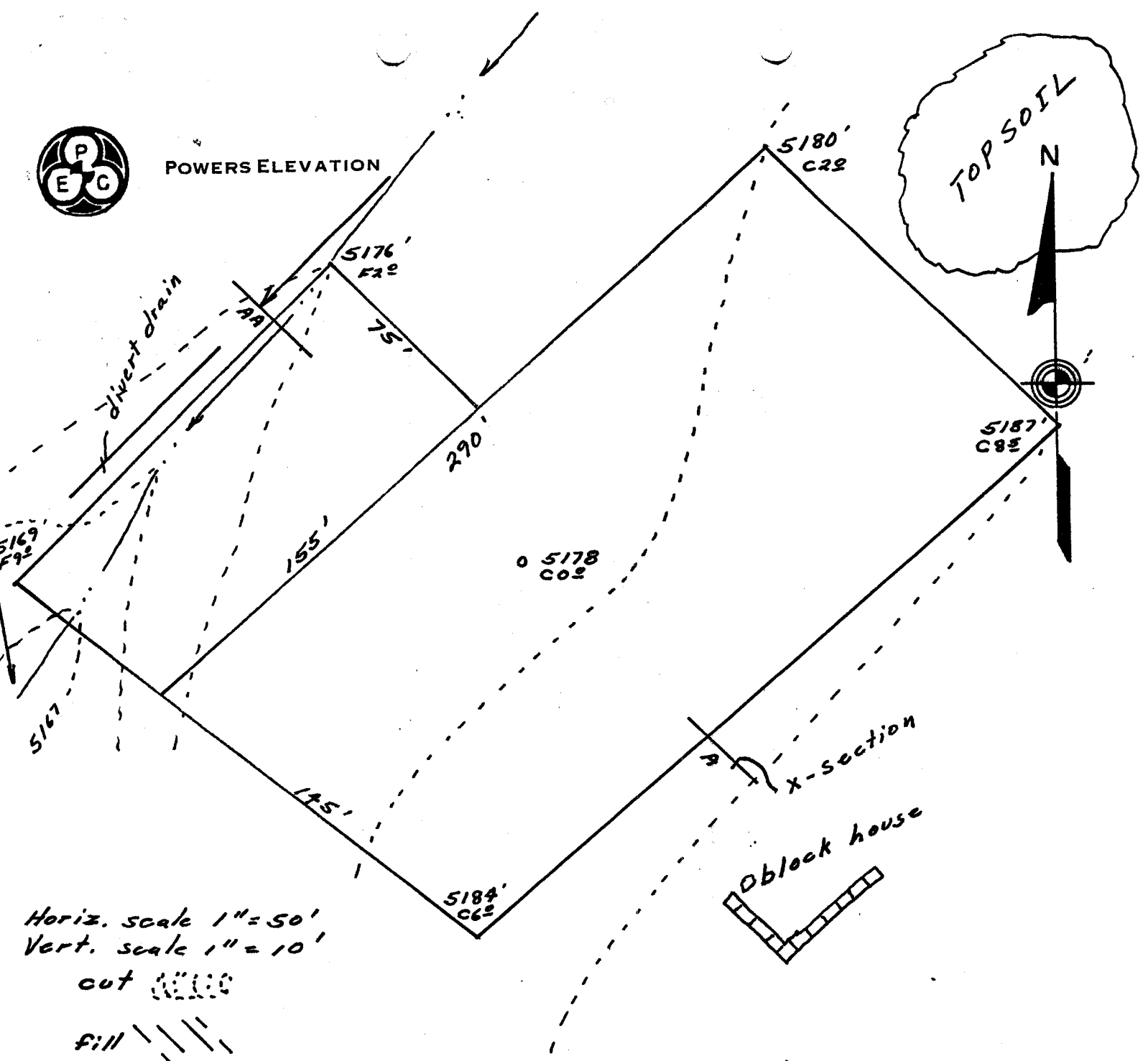


The Blowout Preventer Diagram





POWERS ELEVATION



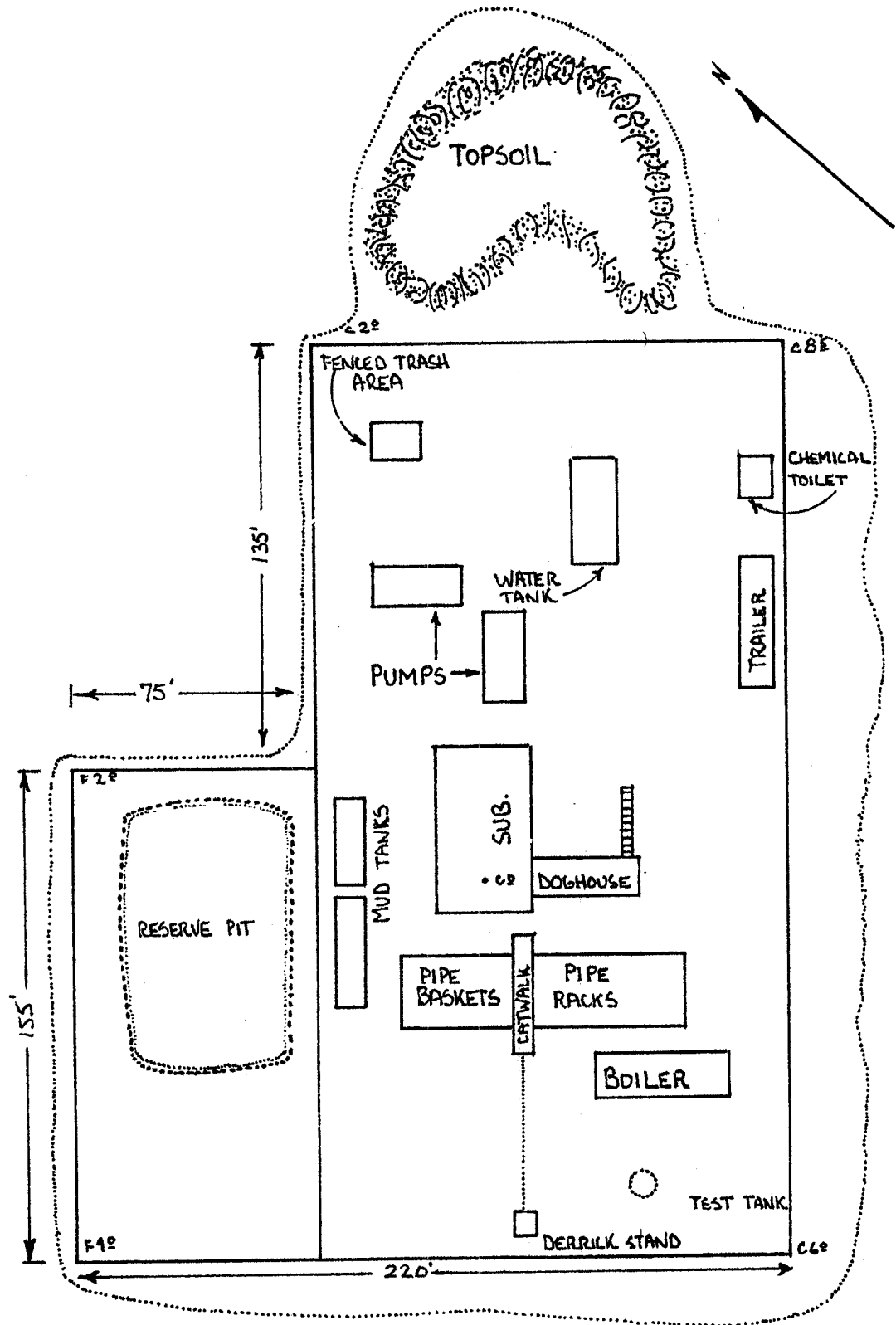


EXHIBIT "H" DRILL RIG LAYOUT

SCALE: HORIZONTAL - 1" = 50'

MCOR OIL & GAS CORPORATION  
 TINCUP FEDERAL NO. 1-18  
 SE 4 SW 4 1980' FWL & 800' FSL  
 SECTION 18, T38S-R26E  
 SAN JUAN COUNTY, UTAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

MCOR Oil and Gas Corporation

## 3. ADDRESS OF OPERATOR

3033 N.W. 63rd Street, Oklahoma City, Oklahoma 73116

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface  
SE/4 SW/4, 1980' FWL and 800' FSL, Section 18, T38S-R26E  
At proposed prod. zone 8140 820' (1565) change

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 11 miles NE of Hatch Trading Post, Utah.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

800'

## 16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

5800' Alcan  
(Des. Creek?)

## 20. ROTARY OR CABLE TOOLS

Rotary Tools

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5080'

## 22. APPROX. DATE WORK WILL START\*

April 1, 1981

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1500'	750 sKs <u>Circ. to surf</u>
7 7/8"	4 1/2"	10.5#	5800'	450 sKs

1. Drill 12 1/4" hole and set 8 5/8" surface casing to 1500'.
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## Attachments Include:

Location and elevation plats.  
The Ten-Point Compliance Program  
The Multi-Point Requirement for APD.  
The Blowout Preventer Diagram.  
Topographic map showing road map to location and water.  
Drill pad layout and cut-fill cross section.  
Drill rig layout.

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

## 24.

SIGNED

A. D. Rawdon

TITLE

District Manager

DATE

3-12-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MININGDATE: 4-9-81BY: M. J. Munder

\*See Instructions On Reverse Side

MCOR OIL AND GAS CORPORATION

Ten Point Compliance Program  
of NTL-6 Approval of Operations

Well

Tincup Federal Well No. 1-18

Location

1980' FWL and 800' FSL  
Section 18, T38S-R26E  
San Juan County, Utah

Federal Lease Number U-7088



MCOR Oil and Gas Corporation

Tincup Federal Well No. 1-18

1. The Geological Surface Formation

The surface formation is the Morrison Sandstone.

2. Estimated Tops of Important Geologic Markers

Entrada	620
Carmel	748
Navajo	772
Kayenta	1021
Wingate	1224
Chinle	1514
Shinarump	2292
Moenkopi	2352
Permian (Cutler)	2447
Pennsylvanian (U. Hermosa)	4352
Paradox	5210
Upper Ismay	5402
Lower Ismay Anhydrite	5582
Gothic Shale	5616
Upper Desert Creek	5630
Upper Desert Creek Anhydrite	5646
Lower Desert Creek Anhydrite	5686
Lower Desert Creek Porosity	5694
Chimney Rock Shale	5712
Akah	5731
Total Depth	5800

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

Water	700
Water	2200
Oil/Gas	5402
Oil/Gas	5630

4. The Proposed Casing Program

<u>Hole Size</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size (OD)</u>	<u>Weight, Grade and Joint</u>	<u>New or Used</u>
12 1/4"	0 -1500'	1500'	8 5/8"	24# K-55 ST&C	New
7 7/8"	1500-5800'	5800'	4 1/2"	10.5# K-55 ST&C	New

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "A" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to 1000 psi after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

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No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well.

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MCOR Oil and Gas Corporation

Multi-Point Surface Use and Operational Plan

Well

Tincup Federal Well No. 1-18

Location

1980' FWL and 800' FSL  
Section 18, T38S-R26E  
San Juan County, Utah

Federal Lease Number U-7088

MCOR Oil and Gas Corporation

Tincup Federal Well No. 1-18

1. Existing Roads

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- E. N/A
- F. All roads are maintained and in good condition except for 1500 feet of trail. Trail needs light dozing and blading.

2. Planned Access Roads

- A. No new roads will need to be constructed to reach the proposed location. The last 0.4 miles of the existing access road will require minor improvements including light blading.
- B. This surface use and operational plan will serve as a request for an access road right of way permit to the proposed well site. A right of way is requested from the county road crossing section 19 (T38S-26E) to MCOR's active lease #U-7088 in section 18 (T38S-R26E). The ROW requested is for a 1 mile 24' access road through section 19 and will require light blading. The ROW is to be maintained by the operators of the lease. A ROW plat is attached showing proposed entry onto lease.

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4. Location of Existing and/or Proposed Facilities

- A. Within a one-mile radius of location, the following existing facilities are owned or controlled by MCOR Oil and Gas Corporation or other lessee/operator:
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  - (6) Disposal Lines: None
- B. If production is obtained, new facilities will be as follows:
- (1) Line heater, if needed, will be located on drill pad.
  - (2) Production facilities will be located on Tin Cup Federal Well No. 1-18 drill pad, located in Section 18, T38S-R26E, 1980' FWL and 800' FSL.
  - (3) Flow line will be buried.
  - (4) All areas of drill pad not required for facilities will be rehabilitated.
  - (5) All construction materials for battery site and pad will be obtained from site. No additional material from outside sources is anticipated.
  - (6) Any necessary pits will be fenced and flagged to protect livestock and wildlife.
- C. Rehabilitations, whether well is productive or dry, will be made on all unused areas in accordance with BLM stipulations.

5. Location and Type of Water Source

- A. The source of water will be from an artesian well located in NE/4 of Section 28, T38S-R26E.
- B. Water will be transported by truck over existing roadways as shown on topographic map.
- C. No water well is to be drilled on this lease.

## 6. Construction Materials

- A. No construction materials are needed for drilling well or constructing access roads into the location during drilling. The surface soil materials will be sufficient.
- B. No construction materials will be taken off Federal land.
- C. All surface soil materials for construction of access roads for drilling are sufficient. If well is productive, and material from road and pad grading is not sufficient, source of additional materials will be submitted to the U.S.G.S for approval before any purchase.
- D. All major access roads presently exist as shown on topographic map.

## 7. Handling of Waste Materials and Disposal

- (1) Drill cuttings will be buried in the reserve pit.
- (2) Drilling fluids will be handled in the reserve pit.
- (3) Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt waters or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of on-site for 30 days only, or 90 days with permission of District Engineer. After that time application will be made for approval of permanent disposal method in compliance with NTL-2b.
- (4) Chemical facilities will be provided for human waste.
- (5) Garbage and non-flammable waste and salt and other chemicals produced during drilling or testing will be handled in trash pit. Drill fluids, water, drilling mud and tailings will be kept in reserve pit. A trash cage or the trash pit will be totally enclosed with small mesh wire to prevent wind scattering trash before being buried or removed. Reserve pit will be fenced on three sides during drilling and fourth side fenced upon removal of the rig.
- (6) After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. All dangerous open pits will be fenced during drilling and kept closed until such time as the pit is leveled.

## 8. Ancillary Facilities

No air strip, camp or other facilities will be built during drilling of this well.

## 9. Well Site Layout

- (1) Exhibit "B" is the Drill Pad Layout as staked, with elevations, by

Powers Elevation of Durango, Colorado. Cuts and fills have been drafted to visualize the planned cut across the location spot and to the deepest part of the pad. Topsoil will be stock-piled per BLM specifications determined at time of pre-drill inspection.

- (2) Exhibit "C" is a plan diagram of the proposed rig and equipment, reserve pit, trash pit, pipe racks and mud tanks, access road, parking and turn-around. No permanent living facilities are planned. There will be a trailer on site.
- (3) The reserve pits will not be lined.

#### 10. Plans for Restoration

- (1) If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, leveling and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away to an approved sanitary landfill immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- (2) The soil banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per formula provided by the BLM. Revegetation is recommended for road area, as well as around drill pad.
- (3) Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock or wildlife from entering; and the fencing will be maintained until leveling and cleanup are accomplished.
- (4) If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation is considered best in Fall, 1981, unless requested otherwise.

#### 11. Other Information

- (1) The general terrain is composed of mesas and valleys with the immediate terrain being basically flat and just above drainage. The location rests against a hill to the south. Drainage is south-southwest. Vegetation is primarily native grasses with a few junipers on the east of the pad. There are reptiles, rabbits, and a few deer in the area.

- (3) The closest live water is the San Juan River, 19 miles southwest.

There are no occupied dwellings in the area.

There were no archaeological or cultural artifacts apparent on the location, however, a complete standard cultural resource (including archaeological) survey will be conducted by a qualified archaeologist, and a report submitted to the BLM prior to any surface disturbance.

- (4) There are no reported restrictions or reservations noted on the oil and gas lease.
- (5) Drilling is planned for on or about April 1, 1981. It is anticipated that the casing point will be reached within 30 days after commencement of drilling.

12. Operator's Representative

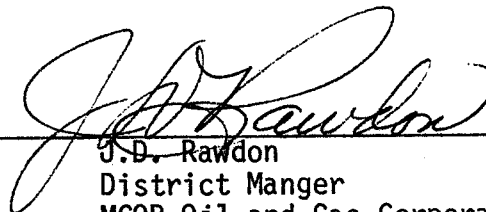
J.D. Rawdon  
MCOR Oil and Gas Corporation  
Jamestown Office Park  
3033 N.W. 63rd Street  
Suite 250-E  
Oklahoma City, Oklahoma 73116  
(405) 840-3285

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by MCOR Oil and Gas Corporation and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

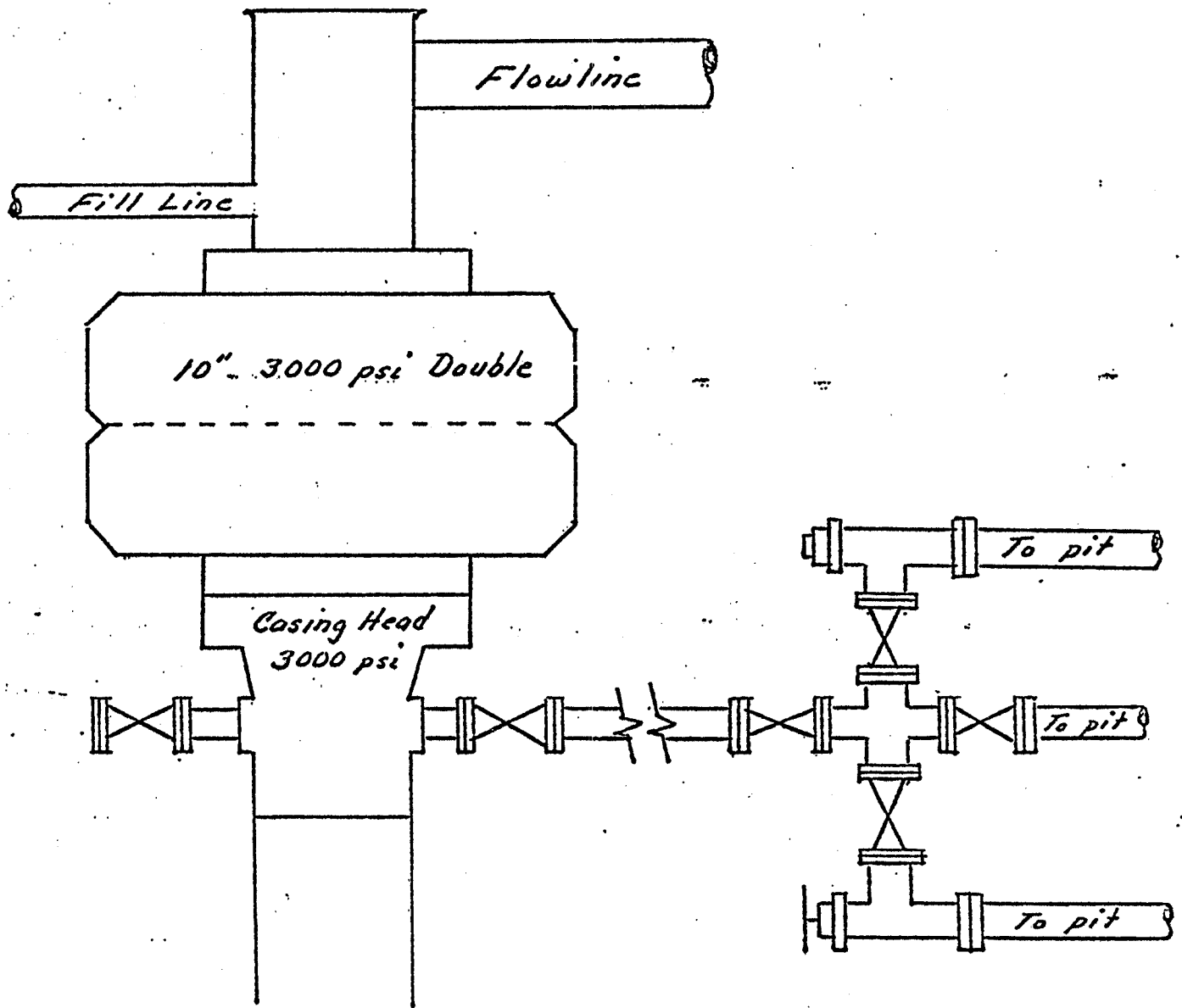
March 12, 1981

Date



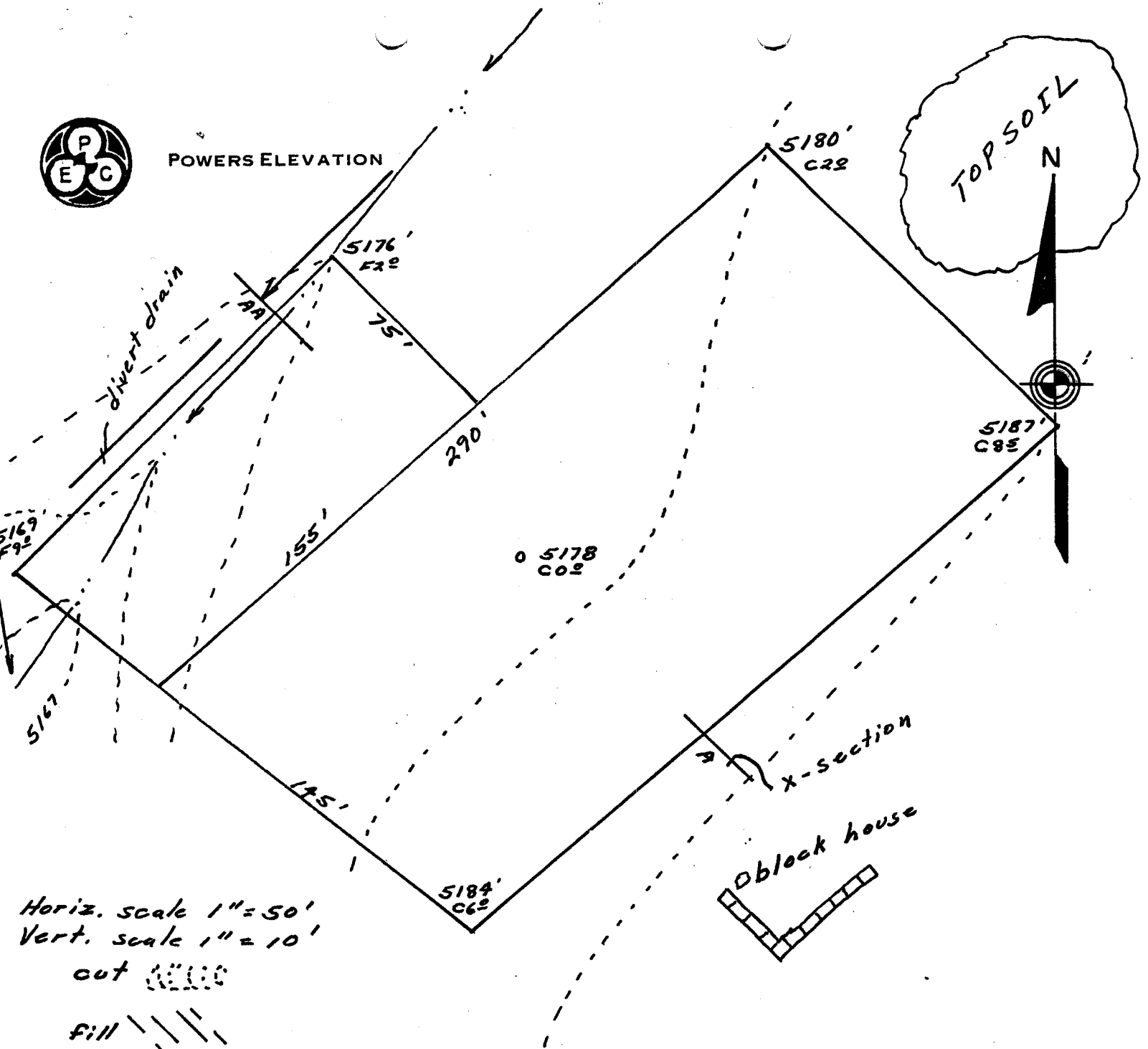
J.D. Rawdon  
District Manger  
MCOR Oil and Gas Corporation

The Blowout Preventer Diagram






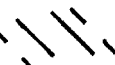
POWERS ELEVATION

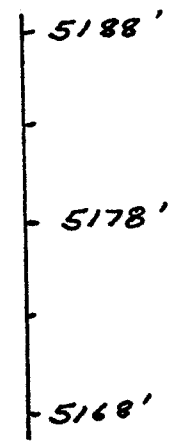
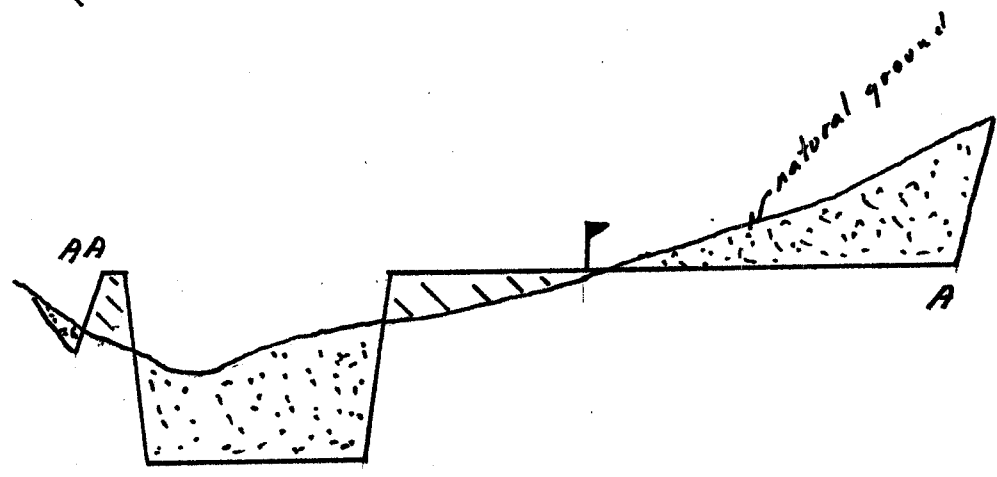


Horiz. scale 1" = 50'

Vert. scale 1" = 10'

cut 

fill 



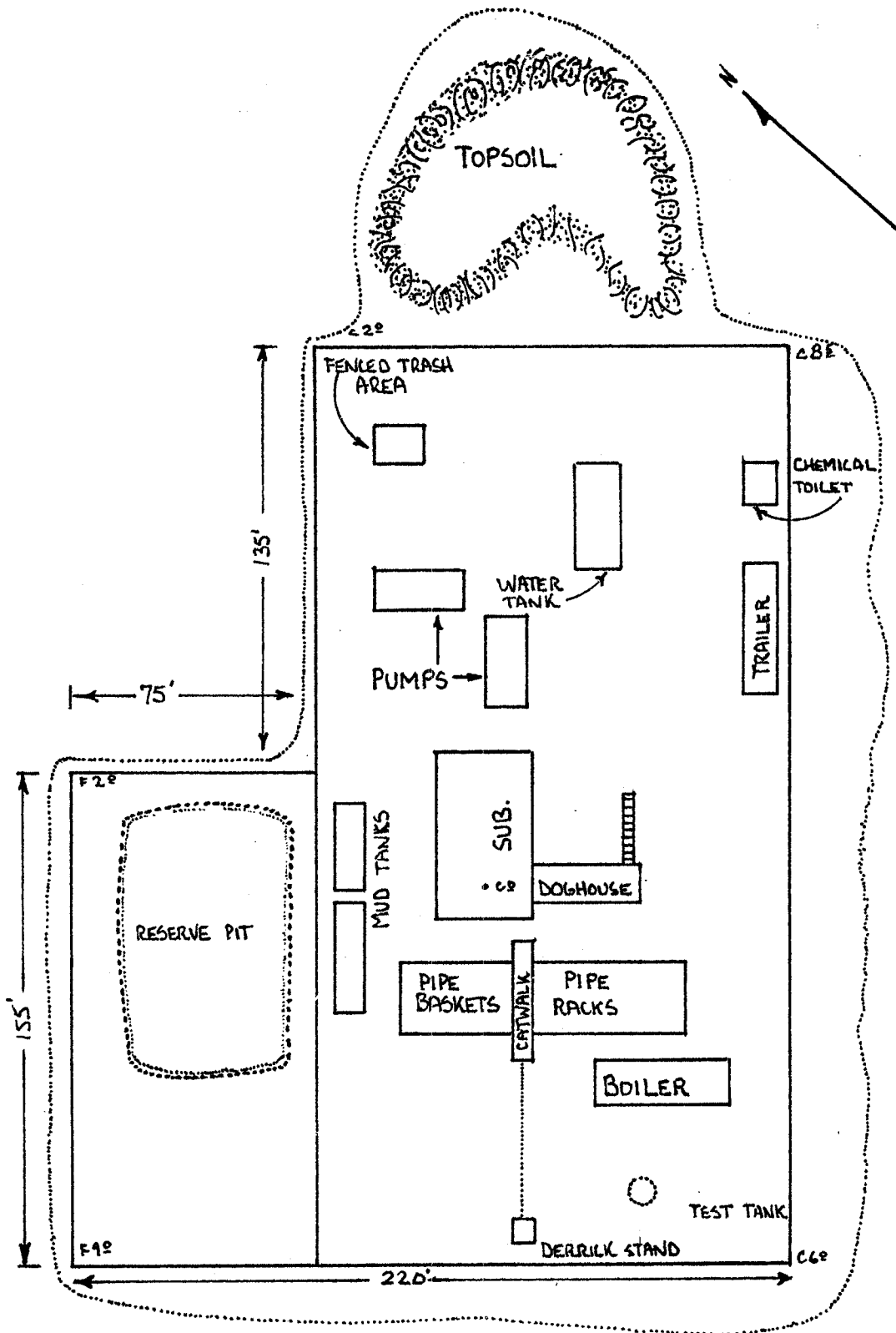
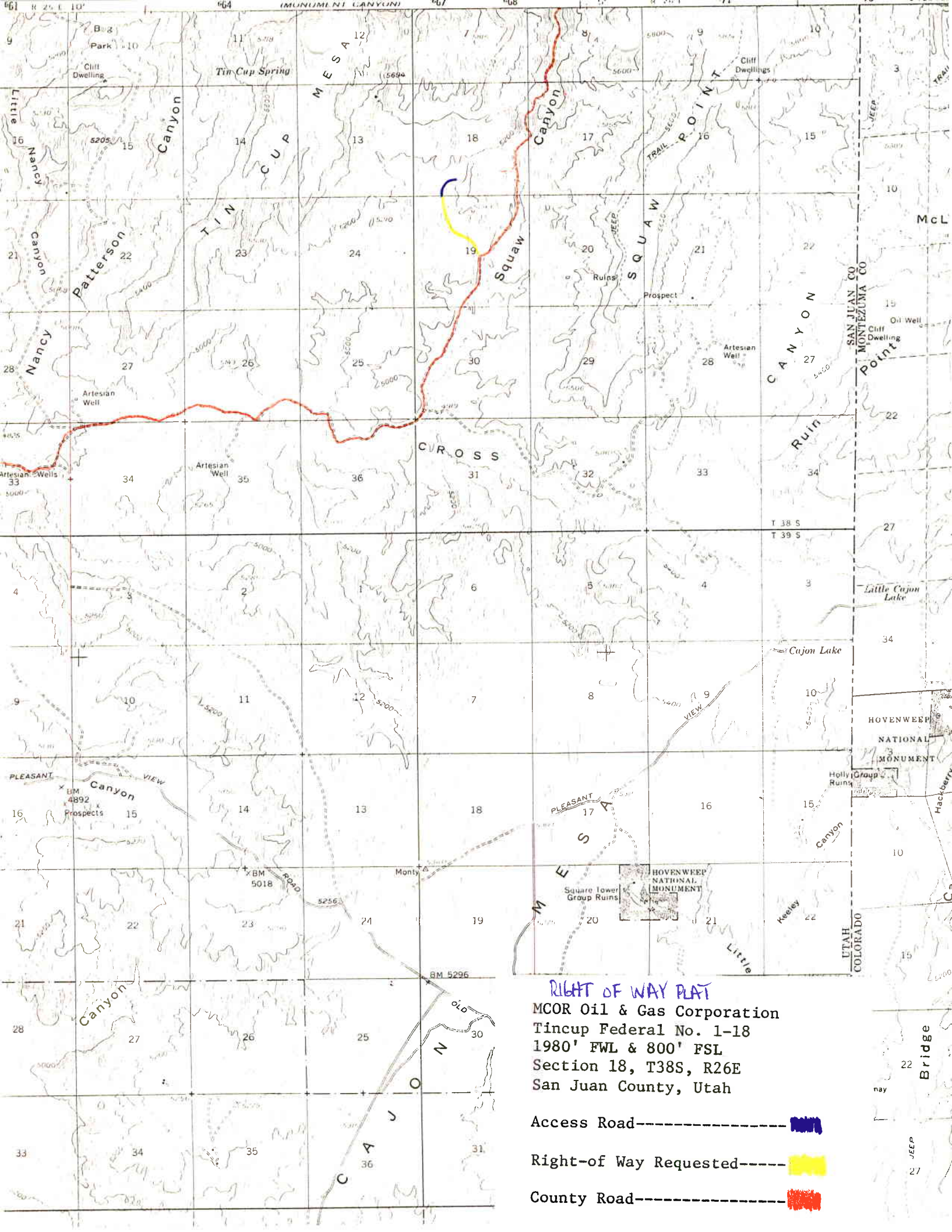


EXHIBIT "H" DRILL RIG LAYOUT

SCALE: HORIZONTAL - 1" = 50'

MCOR OIL & GAS CORPORATION  
 TINCUP FEDERAL NO. 1-18  
 SE 4 SW 4 1980' FWL & 800' FSL  
 SECTION 18, T38S-R26E  
 SAN JUAN COUNTY, UTAH



**RIGHT OF WAY PLAT**  
MCOR Oil & Gas Corporation  
Tincup Federal No. 1-18  
1980' FWL & 800' FSL  
Section 18, T38S, R26E  
San Juan County, Utah

- Access Road-----
- Right-of Way Requested-----
- County Road-----



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-7088

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tincup Federal

9. WELL NO.

1-18

10. FIELD AND POOL, OR WILDCAT

Squaw Canyon

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 18, T38S-R26E

1.

OIL ☒ GAS ☐  
WELL WELL OTHER

2. NAME OF OPERATOR

MCOR Oil and Gas Corporation

3. ADDRESS OF OPERATOR

3033 N.W. 63rd Street, Oklahoma City, Oklahoma 73116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

820' FSL and 2140' FWL, Section 18, T38S-R26E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5188' GR

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☒

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

Change location of Tincup Federal 1-18 from 1980' FWL & 800' FSL, Section 18, T38S-R26E  
to 820' FSL and 2140' FWL, Section 18, T38S-R26E due to special request of U.S.G.S.  
and BLM citing archaeological reasons.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 4-9-81

BY: M. J. WinderRECEIVED  
MAR 23 1981DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

J. D. Rawdon

TITLE

District Manager

DATE

March 20, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

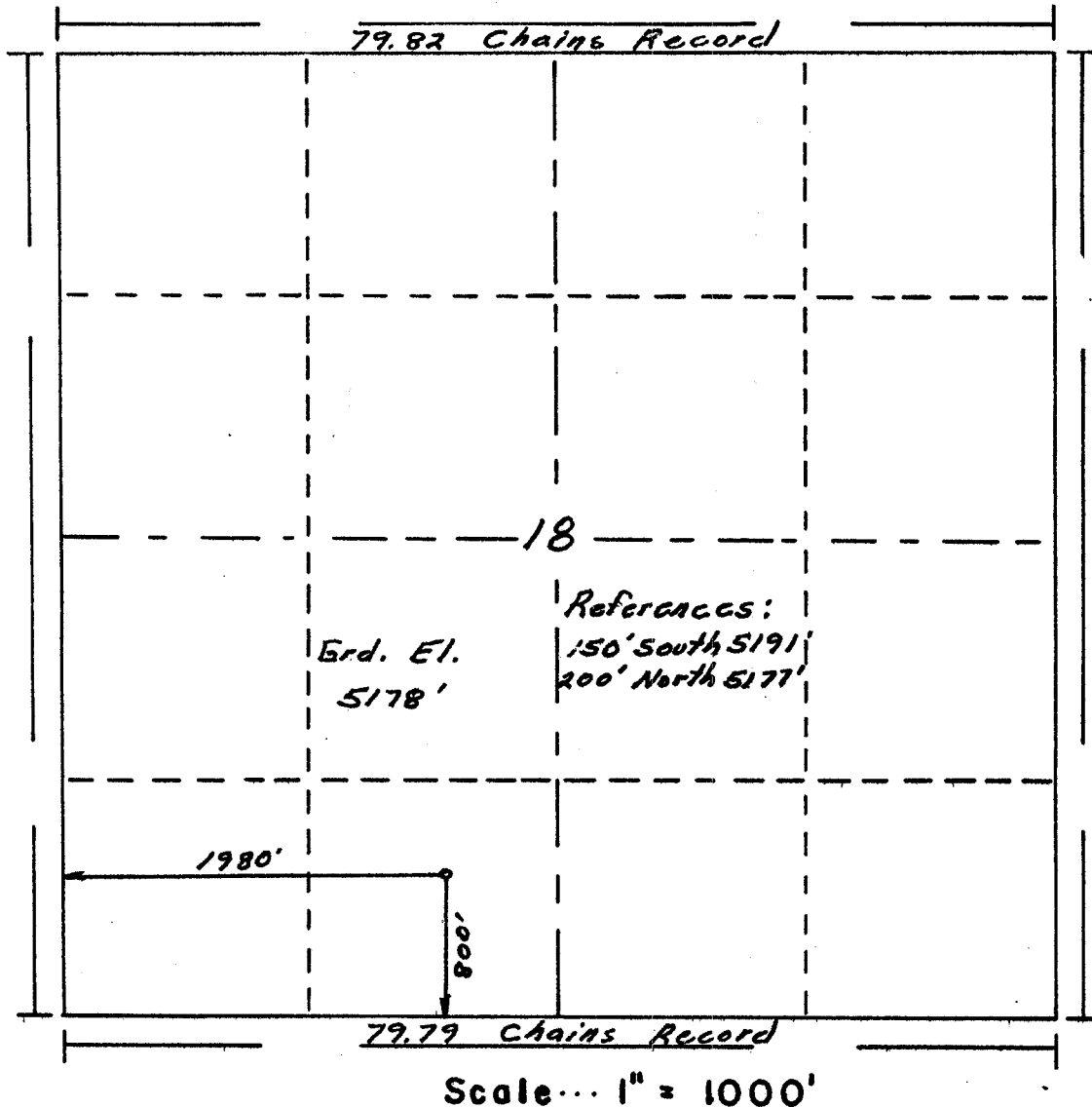
DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



R. 26 E.



T. 38 S.

Powers Elevation of Denver, Colorado  
has in accordance with a request from *David Trenholm*  
for *M.C.O.R.*  
determined the location of *#1-18 Squaw Federal*  
to be 800' FSL & 1980' FWL Section 18 Township 38 South  
Range 26 East Salt Lake Meridian  
San Juan County, Utah

I hereby certify that this plat is an  
accurate representation of a correct  
survey showing the location of

*#1-18 Squaw Federal*

Date: 11 Mar '81

T. Nelson  
Licensed Land Surveyor No. 2711  
State of Utah

**\*\* FILE NOTATIONS \*\***

DATE: March 31, 1981

OPERATOR: MOOR oil & Gas Corporation

WELL NO: Jincup Federal 1-18

Location: Sec. 18 T. 38S R. 26E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-037-30658

**CHECKED BY:**

Petroleum Engineer: M. J. Minder 4-9-81

Director: \_\_\_\_\_

Administrative Aide: ok as per order # below / Shall be the permitted loc. for SW(NE) qtr. of section 18.

**APPROVAL LETTER:**

Bond Required: ☐

Survey Plat Required: ☐

Order No. 188-1, 11/19/80

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation fed

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

April 14, 1981

MCOR Oil & Gas Corporation  
3033 N.W. 63rd Street  
Oklahoma City, Oklahoma 73116

Re: Well No. Timcup Federal 1-18  
Sec. 18, T. 38S, R. 26E, SE SW  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 188-1, dated November 19, 1980.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30658.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

MTM/ko

cc: 1000

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: MCOR 405-360-1346 home  
Gus Gustavson 405-840-3285 office

WELL NAME: Tincup Fed 1-18

SECTION SW 18 TOWNSHIP 38S RANGE 26E COUNTY San Juan

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 5760'

CASING PROGRAM:

8 5/8" @ 1501' cement to surface

FORMATION TOPS:

Navajo-	behind casing
Chinle-	1542'
Shinarump-	2290'
Cutler-	2505'
water-	3750'
Hermosa-	4350'
U. Ismay-	5393'
L. Ismay-	5545'
U. Desert Creek-	5625'

PLUGS SET AS FOLLOWS:

- 1) 5760-5560'
- 2) 4400-4300'
- 3) 2555-2455'
- 4) 1600-1450'
- 5) 50'-surface

Cores:

5700+ slight shows

Place 11.2# fresh water gel based abandonment mud between plugs; clean, restore and regrade site, erect regulation dryhole marker.

DATE 5-4-81 10:10 p.m.

SIGNED MTM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS DATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <u>Dry Hole</u>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR <u>MCOR Oil and Gas Corporation</u>		8. FARM OR LEASE NAME <u>Tincup Federal</u>	
3. ADDRESS OF OPERATOR <u>3033 N.W. 63rd Street, Suite 250-E, Oklahoma City, Okla. 73116</u>		9. WELL NO. <u>1-18</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u>		10. FIELD AND POOL, OR WILDCAT <u>Squaw Canyon</u>	
14. PERMIT NO. <u>43-037-30658</u>		15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>5188' GR</u>	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		12. COUNTY OR PARISH <u>San Juan</u>	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		13. STATE <u>Utah</u>	

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
(Other) ☐

PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
ABANDON\* ☒  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐  
FRACTURE TREATMENT ☐  
SHOOTING OR ACIDIZING ☐  
(Other) ☐

REPAIRING WELL ☐  
ALTERING CASING ☐  
ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- Displace hole with 11.2 ppg mud via drill pipe. Through drill pipe:
  - Spot 65 sacks of regular neat cement from 5760' back to 5560'.
  - Spot 50 sacks of regular neat cement from 4400' back to 4300'.
  - Spot 40 sacks of regular neat cement from 2555' back to 2455'.
  - Spot 60 sacks of regular neat cement from 1600' back to 1450'.
  - Spot 15 sacks of regular neat cement from 50' back to surface.
- Cut off 8 5/8" casing and weld on steel plate. Erect a dry hole marker.
- Restore location as outlined in "Multi-Point Surface Use and Operations Plan" and in stipulations attached to approved application for permit to drill.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 5-15-81

BY: M. J. Minder

18. I hereby certify that the foregoing is true and correct

SIGNED J. D. Rawdon  
(This space for Federal or State office use)

TITLE District Manager

DATE May 5, 1981

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Tincup Federal No. 1-18

Operator: MCOR Oil and Gas Corporation Address: 3033 N.W. 63rd Street, Suite 250E  
Oklahoma City, Oklahoma 73116

Contractor: Brinkerhoff-Signal, Inc. Address: 1105 Brynie Lane  
Farlington, NM 87401

Location SE 1/4 SW 1/4; Sec. 18 T. 38 N. R. 26 E; San Juan County.  
S W

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head	Fresh or Salty
1. 3001'	3030'	Estimate 5 GPM	Salty

2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_

RECEIVED  
MAY 26 1966

DIVISION OF  
OIL, GAS & MINING (Continue on Reverse Side if Necessary)

Formation Tops:

Chinle	1540'	Hermosa	4350'
Shinarump	2290'	Upper Ismay	5393'
Cutler	2505'	Lower Ismay	5545'
		Desert Creek	5626'

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.  
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-K355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-7088	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR MCOR Oil and Gas Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 3033 N.W. 63rd Street, Suite 250-E, Okla. City, Okla. 73116		8. FARM OR LEASE NAME Tincup Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 820' FSL and 2140' FWL, Section 18, T38S-R26E At top prod. interval reported below At total depth		9. WELL NO. 1-18	
10. FIELD AND POOL, OR WILDCAT Squaw Canyon		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 18, T38S-R26E	
14. PERMIT NO. 43-037-30658		DATE ISSUED 4-14-81	
15. DATE SPUNDED 4-9-81		16. DATE T.D. REACHED 5-3-81	
17. DATE COMPL. (Ready-to-prod.) 5-6-81 P&A		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* GR 5189', DF 5199', KB 5200'	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5760'	
21. PLUG BACK T.D., MD & TVD Surface		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* DIL-SFL-GR, CNL-FDC-GR, BHC Sonic-GR	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, DIL, BHC	
27. WAS WELL CORED Yes		28. CASING RECORD (Report all strings set in well)	
CASING SIZE 8 5/8"		WEIGHT, LB./FT. 24	
DEPTH SET (MD) 1501'		HOLE SIZE 12 1/4"	
CEMENTING RECORD Cmt'd w/230 sacks of Class "B" cement.		AMOUNT PULLED -0-	
29. LINER RECORD		30. TUBING RECORD	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT*		SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plugged and Abandoned	
DATE OF TEST		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
TEST WITNESSED BY		35. LIST OF ATTACHMENTS Electric logs mailed by Schlumberger.	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <u>[Signature]</u> TITLE District Manager DATE 5-22-81	

\*(See Instructions and Spaces for Additional Data on Reverse Side)



# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Cutler	3001'	3030'	Water flow	Chinle	1540'		
Upper Ismay	5455'	5515'	Core No. 1	Shinarump	2290'		
Upper Ismay	5515'	5564'	Core No. 2	Cutler	2505'		
L. Desert Creek	5674'	5733'	Core No. 3	Hermosa	4350'		
				Upper Ismay	5393'		
				Lower Ismay	5545'		
				Desert Creek	5625'		

## 38. GEOLOGIC MARKERS

June 12, 1981

MCOR Oil & Gas Corporation  
3033 N. W. 63rd Street  
Oklahoma City, Oklahoma 73116

Re: Well No. Tincup Federal 1-18  
Sec. 18, T. 38S, R. 26E, SE SW  
San Juan County, Utah

Gentlemen:

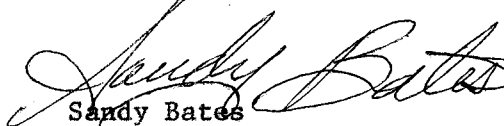
This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

  
Sandy Bates  
Clerk-Typist

# **MCOR** **Oil and Gas Corporation**

Jamestown Office Park, 3033 N.W. 63rd St., Suite 250, Oklahoma City, OK 73116 / Telephone (465) 840-3285

June 18, 1981

State of Utah  
Division of Oil Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

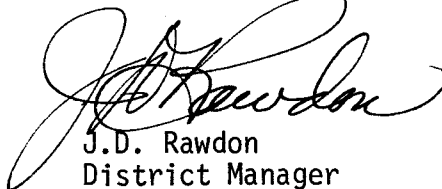
RE: Tincup Federal Well No. 1-18  
Section 18, T38S-R26E, SE SW  
San Juan County, Utah

Gentlemen:

In regard to your request, the Well Completion or Recompletion Report for the above mentioned well was mailed to your office and the USGS around May 23, 1981. According to our records, the logs were mailed by Schlumberger on May 6, 1981.

Attached you will find two additional copies of the Well Completion or Recompletion Report. Should you have any more questions regarding this matter please contact our Oklahoma City office.

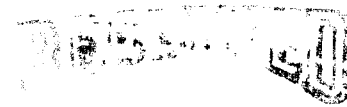
Yours very truly,



J.D. Rawdon  
District Manager

JDR/WFG/vr

Enclosure



JUN 22

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE  
(See other instructions on reverse side)Form approved.  
Budget Bureau No. 42-8355-5

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	REPAIR <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIVERT. RESER. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR MCOR Oil and Gas Corporation						5. LEASE DESIGNATION AND SERIAL NO. U-7088	
3. ADDRESS OF OPERATOR 3033 N.W. 63rd Street, Suite 250-E, Okla. City, Okla. 73116						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 820' FSL and 2140' FWL, Section 18, T38S-R26E At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. 43-037-30658						DATE ISSUED 4-14-81	
12. COUNTY OR PARISH San Juan						13. STATE Utah	
16. DATE SPUDDED 4-9-81		16. DATE T.D. REACHED 5-3-81		17. DATE COMPL. (Ready-to-produce) 5-6-81 P&A		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 5189', DF 5199', KB 5200'	
20. TOTAL DEPTH, MD & TVD 5760'		21. PLUG, BACK T.D., MD & TVD Surface		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-5760'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* DIL-SFL-GR, CNL-FDC-GR, BHC Sonic-GR						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, DIL, BHC						27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE 8 5/8"		WEIGHT, LB./FT. 24		DEPTH SET (MD) 1501'		HOLE SIZE 12 1/4"	
						CEMENTING RECORD Cmt'd w/230 sacks of Class "B" cement.	
						AMOUNT PULLED -0-	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plugged and Abandoned				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	ORIGINALLY TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE		OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Electric logs mailed by Schlumberger.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED K. D. Rawdon		TITLE District Manager				DATE 5-22-81	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions, the local Federal and/or State office. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TRUE VERT. DEPTH
Cutler	3001'	3030'	Water flow	Chinle	1540'
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L. Desert Creek	5674'	5733'	Core No. 3	Hermosa	4350'
				Upper Ismay	5393'
				Lower Ismay	5545'
				Desert Creek	5625'

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: MCOR Gus Gustafson 405-840-3285

WELL NAME: Tincup Federal 1-18

SECTION 18 TOWNSHIP 38S RANGE 26E COUNTY San Juan

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 5685'

CASING PROGRAM:

8 5/8" @ 1510' cement to surface

7 7/8" openhole TD

FORMATION TOPS:

No DSTs, heavy flow of saltwater at 2909'

Cores: 5390-449' Anhydrite & Ls. (tight)  
5449-5509' Anhydrite & Ls. (tight)  
5623-5663' Anhydrite & Ls. (tight)

Shinarump-	2290'
Cutler-	2423'
U. Hermosa-	4248'
U. Ismay-	5466'
L. Ismay-	5495'
Desert Creek-	5557'

PLUGS SET AS FOLLOWS:

1. 5685-5435'
2. 4300-4200'
3. 2500-2350'
4. 1560-1460'
5. 50'-surface

Place 11#, 44 vis. fresh water gel based mud between plugs; erect regulation dryhole marker; clean up, grade and restore the location.

DATE 7-9-81 SIGNED MTM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas well ☐ other ☒ Dry Hole

2. NAME OF OPERATOR  
MCOR Oil & Gas Corporation

3. ADDRESS OF OPERATOR 3033 N.W. 63rd, Suite 250  
Oklahoma City, Oklahoma 73116

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 820' FSL & 2140' FWL of Sec. 18  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

☐

FRACTURE TREAT ☐

☐

SHOOT OR ACIDIZE ☐

☐

REPAIR WELL ☐

☐

PULL OR ALTER CASING ☐

☐

MULTIPLE COMPLETE ☐

☐

CHANGE ZONES ☐

☐

ABANDON\* ☐

☒

(other) Restoration of Location

5. LEASE

U-7088

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tin Cup Federal

9. WELL NO.

1-18

10. FIELD OR WILDCAT NAME

Squaw Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18, T38S, R26E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

14. API NO.

43-037-30658

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GL 5189', DF 5199', KB 5200'

**RECEIVED**  
(NOTE: Report results of multiple completion or zone change on Form 9-330.)  
SEP 02 1983

**DIVISION OF**

**OIL, GAS & MINING**

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

8-11-83 moved McDonald Const. Co. to location to complete location restoration of road, restored road and reseeded, completed on 8-16-83 as provided in the "Multi-Point Use and Operations Plan" and Permit to Drill.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

G. R. Smith

TITLE Admin. Asst.

DATE August 31, 1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: